

Dr.DattatrayaShankarraoBormane**Date of Birth:** 2nd March 1964Address: D-904, Amar Serenity, Pashan-SuS Road,
Pashan Pune-21

Mobile No.:9850282286

Mail Id: bdattatraya@yahoo.com,
principal@aissmscoe.com,
bdattatraya@gmail.com**Professional Experience****Experience as a Principal 22.6 years**

Sr.No.	Post	Institute	Approval
1.	Principal	RSCOE Pune	CCO/513, dated 01/01/2008 Approval w.e.f 22/11/2007
2.	Principal	AISSMS COE PUNE	CCO/920, dated 23/05/2017 W.e.f 27/04/2017

Total Teaching Experience: 36 Years 4 Months

Sr. No.	Position held	Name of the College / Institution	Nature of appointment (Temporary /Permanent)	University approval letter detail*
1.	Principal	AISSMS COE Pune	Permanent	CCO/920, dated 23/05/2017
2.	Director/ Principal	JSPM's Narhe Technical Campus Pune	Permanent	CCO/Appr/26, Dated 29/10/2007, CCO/513, dated 01/01/2008 Approval w.e.f 22/11/2007
3.	Principal and Professor	JSPM's Rajarshi Shahu College of Engineering Pune	Permanent	CCO/Appr/26, Dated 29/10/2007, CCO/513, dated 01/01/2008 Approval w.e.f 22/11/2007
4.	Principal and	Bharati Vidyapeeth's College	Permanent	

	Professor	of Engineering for Women, Pune-43		
5.	I/C principal, HOD, Assistant Professor, Lecturer	S.T.B. College Of Engineering, Tuljapur	Permanent	Acad/Aff/Coll.Change/SRD/ 99- 2000/55509.511,Dated22/11/ 99w. e. f A. Y 1997-98(Assistant Professor) ACAD/AFFIL/SELE.COM MI/PGT/2010-11/6049-52, dated 30/05/2011Approval w.e.f20/07/1987 (Lecturer)

CURRENT /PAST ASSOCIATION WITH VARIOUS UNIVERSITIES

Sr. No.	Name of bodies/committees (Senate/AC/MC/BoS/NAAC etc.)	Name of Institute/Body	Year
1	Chairman BOS- Information Security, Adhoc Board	SPPU Pune	2023
2	Vice, President, IETE New Delhi	IETE New Delhi	2022
3	• Member Governing Council IETE New Delhi (2021-2024) • Chairman- Byelaw Amendments Committee • Chairman -Online Elections Reforms Committee • Member- IETE Legal Cases Advisory Committee • Member - Ethics Committee • Member- Technology Regulatory Advisory Committee (TRAC) • Co-Chairman, Boards of Award Committee (2021-2022) • Member Publication Committee • Member, Professional activity and Revenue Generation Committee	IETE New Delhi	2022
4	Elected to Governing Board of DELNET (Developing Library Network)	DELNET (Developing Library Network)	2022

5	Chairman, BOS(E&TC)	SPPU, Pune	Since 2011 to 2022
6	Member Academic council	SPPU, Pune	Since 2011
7	President of Pune City Zonal Sports Committee	SPPU Pune	Since 2019
8	Member, Board Governors Body (BOG)	PCET's PCCOE	2020
9	Member, Board Governors Body (BOG)	JSPM's RSCOE	2019
10	Member, Board Governors Body (BOG)	Sanjivani COE, Kopargaon	2019
11	Member Academic council	MIT MAE, Alandi,	2019
12	Member Academic council	MKSSS's Cummins COE	2019
13	Member Governing Body	SAE, Western India Group	2019

Recognized Ph.D. Guide

Program	University	Approval No.	Date
Electronics & Telecommunication	SPPU Pune	BUTR/ENGG/240	31/03/2009 -30/03/2017
		BUTR/ENGG/138/270	31/03/2017 -30/03/2025
Computer Engineering	SPPU Pune	BOD/SCI & Tech/24/253	30/09/2019 – 01/03/2026

Association with Professional Bodies

Sr. No.	Name of bodies/committees (Senate/AC/MC/BoS/NAAC etc.)	Name of Institute/Body	Year
1.	IEEE Membership	IEEE	2018
2.	Member, SAE India	SAE	2018
3.	Fellow and Chartered Engineer-The Institution of Engineers	IE(I), Kolkatta	2017
4.	Senior Member, IACCSIT	IACCSIT, Singapore	2010
5.	Fellow-Institution of Electronics and Telecommunication Engineers (IETE)	IETE, Delhi	2007

6.	Indian society for continuing Engineering Education, (ISCEE)	ISCEE Roorkee	2006
7.	Indian society of technical education (ISTE)	ISTE, New Delhi	1993

Patent Published / Copyright & Articles Published in Reference Books/ Textbooks Details

Patents (19)

Sr. No.	Title of Patent	Filled -date	Published date
1.	System & Methods for recognition of human emotion	54/MUM/2015 06/01/2015	16/01/2015
2.	Side Stand for Motor Cycle	844/MUM/2015 16/03/2015	10/04/2015
3.	Design and Implementation of shielded Channel Double Gate Junction-less Metal Oxide Semiconductor transistor for low Power and high performance	4726/MUM/2015 17/12/2015	15/01/2016
4.	System for Automated Monitoring and Controlling Of Unauthorized Settlement in Urban Areas using Remote Sensing	3171/MUM/2015 30/08/2015	11/09/2015
5.	System and Method for predicting Heart Disease Risk Factor	2913/MUM/2015 01/08/2015	18/09/2015
6.	Design and Development of MEA for high peak power fast responding PEM fuel cell	201621007958 08/03/2016	15/04/2016
7	System and method for recognizing musical instrument sound using FRFT based MFCC features	201621012767 12/04/2016	13/05/2016
8	Energy Efficient Railway Tunnel	20162020163 13/06/2016	15/07/2016
9	Advance Speed Control system using	201621017763 A 24/05/2016	

	wireless communication		01/07/2016
10	System Method for Predicting Human Emotional State	201721028401 10/08/2017	15/09/17
11	Fuzzy Rough Assisted Portable Miniature Diligent e-heart system for usability in rural areas	201821014794 18/04/2018	201821014794 18/04/2018
12	Soft Rough set based heart health monitoring system using Photoplethysmographic Waveforms	201821017915 18/04/2018	01/06/2018
13	Method, apparatus and system for finding a square root of a perfect square number	201921014084 08/04/2019 Patent no 365936	Published on 10/05/2019 Granted on 03/05/2021
14	Method, Apparatus and System for Shift and Rotate	No: 201921014067, 15/05/2019.	15/05/2019
15	Prototype development for acquisition of Maternal and Fetal ECG along with development of algorithm for extraction of Fetal from Maternal ECG on benchmark database	202021020732 16-05-2020	16-05-2020
16	Method, Apparatus and System for Finding Square of a n Bit Number	201921014067 A 08/04/2019	10/05/2019
17	Method and Apparatus for Squaring operation”,	Application No: 202121022673	21/05/2021
18	Method and Apparatus for cube operation of any radix N-bit number”,	Application No: 202121023453	26/05/2021
19	Gesture based Vocalizer	202121022504 A 20/05/21	25/06/21

Copyright: Articles Published in Reference Books/ Textbooks: 05

1. Mrs. V. H. Patil and Dr. D.S.Bormane “iVC: Video conferencing Toolkit for

healthcare”, 3rd international conference on 18- 19th Dec 2006, ObCom-2006, School of Computing Sciences ,VIT, Vellore, TN. Published in book “Mobile and Ubiquitous Computing” ISBN-0230- 63011-1. PP194-199

2. Mrs. V. H. Patil and Dr. D.S. Bormane, “Super -Resolution Image Reconstruction: Overcoming The Limits Of Existing Imaging Systems”, 41st Annual Convention of Computer Society of India, November 23-25, 2006, CSI-2006, Science City, Kolkata, India. Published in book “Affordable Computing” McGraw-Hill ISBN-0-07-062171-3. PP-7-12
3. D.S.Bormane and Dr.T.R.Sontakke, “Wavelet based approach towards noise detection and filtration”, Proceedings of the 5th WSES international conference on circuits, systems, Communications and Computers(CSCC2001), technical co-sponsored by IEEE Sp Society, Rethymno,Greece,July-8-15,2001,pp-6051-6054. Published in book, “Advances in Signal Processing and Computer Technologies” ISBN 960- 8052-37-8.
4. D.S.Bormane and Dr.T.R.Sontakke, “ Wavelet based noise detection and filtering”, Proceedings of the WSES Annual Multi-conference on Applied and Theoretical Mathematics (Dec.2001), Technical Co- sponsored by IEEE Sp. society, Cairns, Australia,Dec.17-21, 2001.Published in a book “Topics in applied and Theoretical Mathematics and Computer Science”,ISBN-960-8052-47-6.
5. D.S.Bormane and Dr.T.R.Sontakke, “Image De-Noising using wavelet transform,”International conference on Artificial Intelligence ISAI’2001, Dec.19- 21, 2001, Fort Panala, published in a book “Artificial Intelligence-Future Trends”,ISBN-81-7764-298-7.
6. Seema Kedar, D. S. Bormane “An Approach to Predicting Physically Healthy and Unhealthy Persons Using Support Vector Machine Classifiers Based on Handwritten Text, Holistic Healthcare: Possibilities and Challenges Volume 2. May 2019

Books Published

Sr. No.	Title of Books/Chapters	Author/s	Publisher	Year	ISBN/ISSN
1.	Television Engineering (Audio and Video System)	Dr. D S Bormane Dr. P B Mane R R Itkarkar	Wiley India Publication	Jan 2016	ISBN 10: 8126556366 / ISBN 13: 9788126556366

2.	VLSI Design & Technology	Dr D S Bormane Dr Nagmode R N Chavhan V M Sardar	NiraliPrakashan	January 2014	ISBN-10 : 9381595151 ISBN-13 : 978-9381595152
3.	VLSI Design	Dr D S Bormane R N Chavhan V M Sardar	NiraliPrakashan	July 2016	ISBN Number 9789351646990

Research Publications -188

Sr.no	Publications	No of Publications
1	International Journals:	99
2	International Conference	73
3	National Conference	16
4	Patents	19 (1 Patent Granted)
5	Copyright	6

Detail list of research publications are in annexure.

Research Projects

Sr. No.	Title of the project	Date of Sanction and duration	Names of PI/Co-I	Funding Agency	Amount
1.	Effect of Yoga and Meditation on EEG signal using Wavelet transforms	2009-11	PI-Dr.D S Bormane Co-I- Dr D G Bhalke	SPPU Pune	2 lakhs
2.	Smart Health care system using wireless sensor network fund	2015-17	PI-Dr.D S Bormane Co-I- Dr.S.T.Patil	SPPU Pune	1.5 Lakhs
3.	Development of a System to Predict Heart Disease based on Graphological Analysis of Handwritten Text	2016-19	PI-Dr D S Bormane Co-I- SeemaKedar	SPPU Pune	1.5 Lakhs

PhD Guidance – 14 Awarded , 06- ongoing

Awarded Candidate List

Sr. No.	Name of the research student	Topic of Research	Date of Registration	Date of Degree awarded
1.	Wadar Sushma Raju	Hardware accelerators for RISC in multimedia applications	01/07/2016	June 2021
2.	Mrs. ArchanaDikshit	“Electrocardiogram segmentation and classification for Arrhythmia detection using rough set theory”	01/07/2012	14/07/ 2020
3.	Mr. S. M. Kulkarni	“Video Stabilization using feature point matching”	09/12/2012	16/03 2020
4.	Mrs. SeemaKedar	“Development of Pattern Recognition Techniques to Predict Personality, Emotional State and Heart Disease through Graphological Analysis of Handwritten Text”	07/05/2015	14/09/ 2018
5.	Mr. A.N. Paithane	Development of physiological signal analysis Algorithm for Human Emotion Recognition.	12/07/2012	24/11/2016
6.	Mrs. Ohatkar S. N.	“A heuristics approach for interference reduction in channel assignment of cellular radio network”	12/07/2012	25/10/ 2016
7.	Mr. D. G. Bhalke	“Automatic musical Instruments classification using signal processing Techniques”	June 2008	June 2016
8.	Mrs. Godse D A	“Auto Detection and Monitoring of Diabetic Retinopathy using Super Resolution Technique on Retinal Images”	03/01/2009	24/12/2014
9.	Dr S. M. Mukane	“A Novel Approach towards scale and Rotation Invariant Content Based texture Image Retrieval”	01/01/ 2008	31/05/2013
10.	Dr. V. V. Shete	“Recognition of k complex in sleep EEG using artificial Neural Networks (Co-guide)”	19/04/2004	Nov 2012
11.	Dr. S. D. Shirbhadurkar	“Text to Speech Synthesizer For Marathi Language using Concatenative synthesis strategies”	June 2006	May 2010
12.	Dr. D. M. Yadav	“Competitive Analysis of Image Compression and Merging Facial in Wavelet Domain”	07/03/2006	14/12/ 2009
13.	Dr. S. T. Patil	“Non stationary Electroencephalograph signal analysis using wavelets”	23/10/2004	10/08/2009

14.	Mrs. V.H. Patil	“Technique for Reconstructing super resolution image using low resolution natural color Image”	24/09/2005	15/05/ 2009
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Ph. d Ongoing Candidate list

Sr No	Candidate Name	Thesis Title	Date of Registration	University
1	Amol Sonawane	4G based SAR analysis for an anatomically based human head	12/02/18	SPPU, Pune
2	Rupa Kakkeri	Detection of Temporomandibular joint disorder using surface electromyography of masticatory muscles	09/02/18	SPPU, Pune
3	Vidya V Waykule	Develop an algorithm for identification and classification of plant diseases for tomato crop.	05/05/2022	SPPU, Pune
4	Shikha Jalaj Pachouly	Predictive Analytics Algorithm for Performance Prediction of students using Explainable Artificial Intelligence and Educational Data Mining	09/05/2022	SPPU, Pune
5	Prashant S Sadaphule	Development of an Ensemble model for detection of respiratory disease using deep learning in healthcare	06/05/2022	SPPU, Pune
6	Jayashree Pasalkar	Trust management platform for internet of everything using deep neural network	20/10/2022	SPPU, Pune

Honors/Prizes/Awards Received

Sr. No.	Name of Honor/Prize/Award	Name of agency	Year
1.	Excellence in Education	PSD Shastri Foundation Pune	2018
2.	Best Principal of the Year 2018	Computer Society of India (CSI)Mumbai	February 2018
3.	Distinguished Leader in Engineering	Venus International Foundation, Chennai	January 2018
4.	Education Leadership Award	DNA and Star Group of the Industry	February 2018
5.	Innovative research and Excellent Professional Achievement Award	The society of Innovative Educationalist & Scientific Research Professional	Oct 2020
6.	Best Principal 2020 (Engineering)	ISTE Maharashtra and Goa Section	7 Oct 2021
7.	Best Principal in urban area under Professional Category	Savitribai Phule Pune University, Pune.	10 Feb 2022
8.	Outstanding leader in Higher Education	Elets Technomedia Pvt Ltd, Noida, UP.	10 Dec 2022

Achievements at Institute Level (As Principal)

Sr. No	Name of the Honors/Awards/Prizes	Agency	Institute
1	National Education Excellence Award 2021 – Best Engineering Colleges in terms of Placement and Industry Interface.	National Education Excellence Award 2021	AISSMS COE
2	Best Engineering College in India-2020	Business connect	AISSMS COE
3	Institute Awarded Best Professional College Award in 2019-20 by SPPU Pune	SPPU Pune	AISSMS COE
4	Institute Won 2 nd Prize In Start Up Competition I2E SPPU Pune in 2019-20	SPPU Pune	AISSMS COE
5	Students of AISSMS College of Engineering for securing the first place in Engineering and Technology stream, University Level SPPU Avishkar 2019 Competition which was held on 21 January, 2020.	SPPU Pune	AISSMS COE
6	AISSMSCOE Stood 2nd In Professional Colleges among Pune City In Magazine Competition for (2019-20) on 03/01/2020	SPPU Pune	AISSMS COE
7	Institute Recognized as Mentor Institute by NAAC September 2019 under Parmarsh Scheme	NAAC	AISSMS COE
8	Institution Innovation Council 19-20 – September 2019	MHRD's Innovaion cell Govt. of India	AISSMS COE
9	AISSMS COE bags first prize in Smart India Hackathon-2019. SIH - 2019, the national level competition, was held from July 8 to 12	Natinal Level CompetitionII T-Hyderabad	AISSMS COE
10	Ranking in Chronicle Magazine 2019	Chronicle	AISSMS COE
11	Centre of Excellence in Robotics and process automation - 2019	Automation Anywhere	AISSMS COE
12	Institute Accredited by NAAC with A + Grade.	NAAC Bangalore	AISSMS COE
13	Ranked among first 200 Institutes as per the survey by NIRF of MHRD in 2017-18	NIRF	AISSMS COE
14	Ranked 69 th by Times of India in pan India survey, 2018-19	Times of India	AISSMS COE
15	Ranked 39 th by higher education review magazine at National level, 2018-19	Higher education review	AISSMS COE

16	Recognition as Nodal Centre for Virtual Labs (2017-18)	IIT, Bombay	AISSMS COE
17	Rated “A” Grade, Ranked 1 st in Pune region, 69 th in India for NPTEL local chapter (2017-18)	IIT, Bombay	AISSMS COE
18	Best student chapter IE(I) award (2017-18) (2018-19)	Institution of Engineers, (India) Kolkata	AISSMS COE
19	Awards through NDRF 2017-18: 03 Awards (Gold, Silver & Bronze) 2018-19: 02 Awards (Gold & Silver) 2019-20 : 02 Awards(Gold & Bronze)	NDRF	AISSMS COE
20	AISSMS COE grouped under Gold Category as per AICTE -CII survey of industry technical institute 2018	AICTE -CII	AISSMS COE
21	Institutes recognition under 2(f) and 12(B) category(2016)	UGC	RSCOE
22	Permanent affiliation of 5 UG & 3 PG programs (2014-15)	SPPU, Pune	RSCOE
23	Best college award under urban category (Professional) in 2013	SPPU Pune	RSCOE
24	Five UG programs got accreditation by NBA for 2 years in two cycles (2013 & 2016)	NBA New Delhi	RSCOE
25	Establishment of Research center in Electronics/Civil/Mechanical (2014)	SPPU Pune	RSCOE
26	College is accredited by TCS with B grade (2012)	TCS	RSCOE
27	iON (TCS) has presented spirit of partnership to the college for outstanding achievement in making the GATE, the largest online aptitude assessment, an enormous and resounding success (2014)	TCS	RSCOE
28	RSCOE recognized as a college of substance (2014)	NES	RSCOE
29	Recognition of RSCOE as Nodal Centre for Virtual Labs (2016)	IIT, Bombay	RSCOE
30	Recognition of RSCOE as NPTEL local chapter (2015)	IIT, Bombay	RSCOE
31	MoU with foreign Institute	St. Zary University Canada	RSCOE

Annexure

Publications:

International Journal:

2022

1. Roopa B. Kakkeri , Dattatraya S. Bormane , Electromyography Signal Analysis for the Detection of TMJ Disorder Using Classification Models and Multivariate Analysis, Revue d'Intelligence Artificielle Vol. 36, No. 3, June, 2022, pp. 503-508 Journal homepage: <http://iieta.org/journals/ria>, Page: 503-508 , DOI: <https://doi.org/10.18280/ria.360320>, ISSN: 0992-499X (print); 1958-5748 (online) Indexing & Archiving: Scopus, SCImago (SJR), 30 June 2022

2021

2. Dr.S.M.Kulkarni, Dr.D.S.Bormane, Dr.S.L.Nalbalwar, "Detection Of Breast Cancer Using Hybrid Feature Selection And Bayesian Optimization", Science and Technology Publishing (SCI & TECH) ISSN: 2632-1017 Vol. 5 Issue 7, July – 2021.
3. Dr. D. S. Bormane, Amol D Sonawane, "Design and Analysis of Half Wave Dipole Antenna for SAR Measurement", Journal of Cardiovascular Disease Research, Volume 12, Issue 3, Page 844-853, ISSN Print -0975-3583, Online - 0976-2833, July 11, 2021, DOI: 10.31838/jcdr.2021.12.03.112.
4. Dr. D. S. Bormane and R. B. Kakkeri, "Detection of Temporomandibular Joint Disorder Using Surface Electromyography by Supervised Classification Models," Mater. Today Proc., no. xxxx, July 28, 2021. <https://doi.org/10.1016/j.matpr.2021.07.375>

2020

5. Mrs.RoopaKakerri, Dr. D S Bormane, " Surface Electromyography in Detection of Temporomandibular Joint Disorders", International Journal of Advances in Science Engineering and Technology, ISSN(p): 2321 –8991, ISSN(e): 2321 –9009 Volume-8, Issue-1, Jan.-2020.
6. AvinashPatil,S. C. Patil,D. S. Bormane, SushmaWadar, SQUARE OPERATION IMPLEMENTATION ON RECONFIGURABLE HARDWARE LOGIC TO ATTAIN HIGH SPEED, AREA OPTIMIZATION AND LOW POWER CONSUMPTION", Journal of Mechanics of Continua and Mathematical Sciences, Special Issue, ISSN: 2454-7190, Vol. 9, pp. 33-42, May 2020, doi:10.26782/jmcms.spl.9/2020.05.00004
7. Mrs.RoopaKakerri, Dr. D S Bormane, "Surface electromyography for the detection of Temporomandibular joint Disorder: A review" Elsevier's HELIYON-Manuscript No.D-20-05385,July18, 2020.
8. D S Bormane, SushmaWadar, S C Patil, AvinashPatil, "Acceleration Techniques using Reconfigurable Hardware for Implementation of Floating Point Multiplier", Helix: The Scientific Explorer, Vol. 10, No.5, pp.8-14, 31st Oct. 2020, doi.org/10.29042/2020-105-08-14
9. Dr. D. S. Bormane, Roopa B Kakkeri. (2021). "Temporomandibular Joint Disorder with Electromyographic Evaluation in Different Age Groups." Annals of the Romanian Society for Cell Biology, 3383–3392, <https://annalsofrscb.ro/index.php/journal/article/view/4986>.Vol 25 Issue 25. Scopus Indexed Journal
10. SushmaWadar , D S Bormane , S C Patil, AvinashPatil, A Novel Architecture For Multi-Bit Shift And Rotate Operation, Journal Of Mechanics Of Continua And Mathematical Sciences, Special Issue, No.-9, May (2020) Pp 22-32

2019

11. SushmaWadar, D S Bormane, "A Fast and Optimized Architecture to Perform Multi-Bit Permutation Operation" Helix Vol. 9 (5): 5269- 5274, October 2019
12. PreetiKumbhar, Dr. D.S. Bormane, Dr. D.G. Bhalke, "Design & Analysis of MIMO Microstrip Antenna with Improved MutualCoupling", INTERNATIONALRESEARCHJOURNAL OFENGINEERING ANDTECHNOLOGY (IRJET)E-ISSN: VOLUME: 06 ISSUE : 08 AUG 2019 NET P-ISSN:2395-0072 impact factor 7.34
13. A.Dikshit- Ratnanparkhi D S Bormane, R Ghongade., " A frame work for optimal attribute evaluation and selection in hesitant fuzzy environment based on enhanced ordered weighted entropy approach for medical dataset", The journal of Biomedical physics and Engineering, .J Biomed Phys Eng. 2019 Jun; 9(3): 327–334 Published online 2019 Jun 1. doi: 10.31661/jbpe.v0i0.1033

2018

14. S.M.Kulkarni, D.S.BormaneS.L.Nalbalwar, "Performance Assessment of Robust & Efficient video stabilization algorithms based on L1-L2 optimization and s-R-t transform",UGC approved journal, International Journal of Scientific Research and Review 64650 (ISSN 2279-543x)volume 7,Issue 4,2018 .Impact Factor - 6.1

15. SeemaKedar, Dr. D S Bormane, Online Analysis of Handwriting for Disease Diagnosis- A Review, IJET, UAE, Vol.7, No 2.33 special issue 33, 2018
16. D S Boramne," Massive mimo: fundamentals and challenges for 5G "Internatiuonal journal of creative research thoughts ISSN: 2320-2882 vol 6 issue 2 april 2018.
17. Kedar Seema1, Bormane D. S.," An approach to predict hypertension based on handwritten manuscript", Indianjournal Journal of Public Health Research & Development Year : 2018, Volume : 9, Issue : 11Print ISSN : 0976-0245. Online ISSN : 0976-5506.DOI : 10.5958/0976-5506.2018.01780.1

2017

18. DaulappaGuranna BHALKE, Betsy RAJESH, Dattatraya Shankar BORMANE," Automatic Genre Classification Using Fractional Fourier Transform Based Mel Frequency Cepstral Coefficient and Timbral Features", ARCHIVES OF ACOUSTICS Vol. 42, No. 2, pp. 213–222 (2017), DOI: 10.1515/aoa-2017-0024
19. S.M.Kulkarni, D.S.BormaneS.L.Nalbalwar, "RANSAC Algorithm for Matching Inlier Correspondences in Video Stabilization", Inder science Int. Journal of Signal and Imaging Systems Engineering, Vol. 10, No. 4, 2017, pp. 178-184, indexed by Scopus (Elsevier), Emerging Sources Citation Index (Clarivate Analytics), cnpLINKer (CNPIEC), Google Scholar, Inspec (Institution of Engineering and Technology). H index :08
20. S.M.Kulkarni, D.S.BormaneS.L.Nalbalwar, "Video Stabilization Using Feature Point Matching", IOP Journal of Physics: 787 (2017) 012017 doi:10.1088/1742-6596/787/1/01 2017, indexed by EiCompendex, SCOPUS, Inspec, Conference Proceedings Citation Index – Science (CPCI-S)(Thomson Reuters, Web of Science), NASA Astrophysics Data System, and other databases. CCISP Dubai Conference.
21. S.M.Kulkarni, D.S.BormaneS.L.Nalbalwar, "Stabilization of Jittery Videos Using Feature Point Matching Technique", Advances in Intelligent Systems research (AISR), Atlantis Press Germany(Springer), Vol.137, Feb.2017 ISSN 1951-6851, pp728-737.
22. S.M.Kulkarni, D.S.BormaneS.L.Nalbalwar, "RANSAC Algorithm for Matching inlier Correspondences in Video Stabilization", Advances in Image and Video Processing,(UK), ISSN 2054-7412, Volume 5, Issue 1, February 2017, pp20-30. Indexed in CrossRef, DOI, Scopus, Ulrichsweb, DBLP, arXiv, CiteSeer, Google scholar and other major indexing databases.
23. SonaliMunde, Rajashri Itkarkar, Dr. D G Bhalke, Dr. D S Bormane, "Automatic detection of text labels of hand objects for blind persons" International Journal of Electronics, Electrical and Computational Systems, ISSN 2348-117x Volume 6, Issue 8 August 2017
24. Y. V. Chavan, D. K. Mishra, D. S. Bormane, A. D. Shaligram. N. S. Mujumdar "2-D and 3-D lens model for computer vision", © Optical Society of India, Springer Publication, DOI 10.1007/s12596-016-0386-6
25. Y. V. Chavan, D. K. Mishra, D. S. Bormane, A. D. Shaligram "Simulation of improved CMOS digital pixel sensor for computer vision" © Optical Society of India, Springer Publication, DOI 10.1007/s12596-016-0350-5

2016

26. S. V. Kedar, D. S. Bormane "Performance Comparison of K-NN, Minimum Distance and SVM Classifier used to predict Hypertension based on Manuscript", International journal of signal processing Systems, ISSN 2315-4535.2016
27. A N Paithane. D S Bormane, UjwalaPatil" Novel Algorithm for Feature Extraction and Feature Selection from Electrocardiogram Signal" International Journal of Computer Applications 134(9):6-9 · January 2016 DOI: 10.5120/ijca2016907982
28. Tanuja S Khatavkar, Prof. Dr. D. S. Bormane " 1Tb–100 km DWDM Link using only Raman Amplification Scheme over C and L band with BER of 10-20" International Journal of Electronics, Electrical and Computational System IJECS ISSN 2348-117X Volume 5, Issue 12 December 2016
29. S. V. Kedar, D. S. Bormane, V Nair "Heart disease prediction using k-nearest Neighbor Classifier Based on handwritten Text" Springer India 2016, Computational Intelligence in Data mining-Volume 1, Advances in intelligent Systems and Computing 410, DOI 10.1007/978-81-322-2734-2_6
30. SharadaNarsingraoOhatkar and D S Bormane " Hybrid Channel Allocation in Cellular Network Based on GA and PSO Methods", SCI Indexed, IET Communications, DOI:10.1049/iet-com.2015.0757, May 2016
31. Bhalke D G , Rama Rao C.B., Bormane D.S "Hybridisation of Mel Frequency Cepstral Coefficient and higher order spectral features for musical instruments classification" Archives of Acoustics 41(3):427-436 · September 2016 DOI: 10.1515/aoa-2016-0042, SCI

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